

Material Safety Data Sheet

Section 1: Chemical Product and Company Identification	
Common Name	NSPEC GS - 40 Cleaner
Supplier	COASTAL FLUID TECHNOLOGIES, INC. 3520 Veterans Memorial Drive ABBEVILLE, LA 70510 318-893-1952
Synonym	Not available.
Trade name	Not available.
Material Uses	Not available.
Manufacturer	COASTAL FLUID TECHNOLOGIES, INC. 3520 Veterans Memorial Drive ABBEVILLE, LA 70510 318-893-1952
Code	10454
MSDS#	Not available.
Validation Date	3/17/97
Print Date	9/12/97
In case of Emergency	TRANSPORTATION EMERGENCY: CHEM-TEL, INC. 1-800-255-3924

Section 2: Composition and Information on Ingredients				
Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Confidential Information				

Section 3: Hazards Identification	
Emergency Overview	CAUTION! MAY CAUSE MILD EYE IRRITATION. MAY CAUSE SKIN IRRITATION.
Routes of Entry	Ingestion.
Potential Acute Health Effects	Very slightly to slightly dangerous in case of skin contact (irritant), of eye contact (irritant), of inhalation. This product may irritate eyes and skin upon contact.
Potential Chronic Health Effects	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. Toxicity of the product to the reproductive system: Not available. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures	
Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.
Skin Contact	If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical touches the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Hazardous Skin Contact	Causes skin irritation. After contact with skin, wash immediately with plenty of water. Wash gently and thoroughly the contaminated skin with running water and non abrasive soap.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Hazardous Inhalation	No additional information

Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.
Hazardous Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Section 5: Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	CLOSED CUP: >93.333°C (201.8°F)
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO ₂), sulfur oxides (SO ₂ , SO ₃ ...).
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Very slightly to slightly explosive in presence of oxidizing materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO ₂ , water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Special Remarks on Fire Hazards	Keep container tightly closed. Material supports combustion. (Diocetyl sulfosuccinate, Sodium salt)
Special Remarks on Explosion Hazards	No additional remark.

Section 6: Accidental Release Measures

Small Spill	The concentrated form of this material is a cleaner and is not considered hazardous. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.
Large Spill	The concentrated form of this material is a cleaner and is not considered hazardous. During application, hazardous material on the apparatus or structure being cleaned may become part of the cleaning solution. Check with all applicable regulations before disposing of the material created during application.

Section 7: Handling and Storage

Handling	Not available.
Storage	Keep container tightly closed and in a well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Personal Protection	Safety glasses. Lab coat. Gloves (impervious).
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Chemical Name or Product Name	CAS #	Exposure Limits
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Confidential Information

Section 9 Physical and Chemical Properties

Physical state and appearance	Liquid.	Odor	Not available.
Molecular Weight	Not applicable.	Taste	Not available.
pH (1% soln/water)	6 to 8 [Neutral.]	Color	Blue. (Light.)
Boiling Point	The lowest known value is 100°C (212°F) (Water). Weighted average: 110.11°C (230.2°F)		
Melting Point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -11.61°C (11.1°F)		
Critical Temperature	Not available.		
Specific Gravity	0.95 (Water = 1)		
Vapor Pressure	The highest known value is 17.2 mm of Hg (@ 20°C) (Water). Weighted average: 15.08 mm of Hg (@ 20°C)		
Vapor Density	The highest known value is 5.11 (Air = 1) (Dipropylene glycol monomethyl ether). Weighted average: 1.48 (Air = 1)		
Volatility	Not available.		
Odor Threshold	The highest known value is 34.6 ppm (Dipropylene glycol monomethyl ether)		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/Oil Dist. Coeff.	The product is much more soluble in water.		
Ionicity (In Water)	Not available.		
Dispersion Properties	See solubility in water, methanol, diethyl ether.		
Solubility	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether. Insoluble in n-octanol.		
Physical Chemical Comments	Not available.		

Section 10 Stability and Reactivity Data

Chemical Stability	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents, acids. Very slightly to slightly reactive with reducing agents, alkalis.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Not available.

Section 11 Toxicological Information

Toxicity to Animals	Acute oral toxicity (LD50): > 5000 mg/kg (Rat) (Dipropylene glycol monomethyl ether). Acute dermal toxicity (LD50): > 5000 mg/kg (Rabbit) (Dipropylene glycol monomethyl ether).
Chronic Effects on Humans	No additional remark.
Other Toxic Effects on Humans	Very slightly to slightly dangerous in case of skin contact (irritant), of eye contact (irritant), of Inhalation.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on	No additional remark.

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Special Remarks on other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. (Diethyl sulfosuccinate, Sodium salt)
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Section 12: Ecological Information

Ecotoxicity	Not available.
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BOD5 and COD	Not available.
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Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
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Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
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Special Remarks on the Products of Biodegradation	No additional remark.
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Section 13: Disposal Considerations

Waste Disposal	Recycle, if possible. Consult your local or regional authorities.
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Section 14: Transport Information

Proper Shipping Name	Not Regulated
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DOT Classification	Not a DOT controlled material (United States).
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DOT Identification Number	Not applicable (PIN and PG).
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Packing Group	NONE
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Hazardous Substances Reportable Quantity	Not available.
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Special Provisions for Transport	Not Regulated
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Section 15: Regulatory Information

Federal and State Regulations	The following product(s) is (are) listed by the State of California: [Development toxin] Ethanol
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The following product(s) is (are) listed by CERCLA: Ethanol

The following product(s) is (are) listed by the State of Massachusetts: Ethanol

The following product(s) is (are) listed by the State of Pennsylvania: Ethanol

The following product(s) is (are) listed by the State of Florida: Ethanol

The following product(s) is (are) listed by the State of New Jersey: Ethanol

The following product(s) is (are) listed on TSCA: Ethanol, Water

Ethanol is present by volume at .025%

Other Classifications	WHMIS (Canada) Not controlled under WHMIS (Canada).
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	DSCL (EEC) Not controlled under DSCL (Europe).
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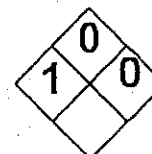
Section 16. Other Information

HMIS (U.S.A.)

Health Hazard	*	1
Fire Hazard		0
Reactivity		0
Personal Protection		B

National Fire
Protection
Association (U.S.A.)

Health



Fire Hazard

Reactivity

Specific hazard

References Not available.

Other Special
Considerations No additional remark.

Validated by Charles Toups on 3/17/97.

Verified by Charles Toups.

Printed 9/12/97.

Emergency Contact

CHEM-TEL, INC. - 1-800-255-3924

Notice to Reader

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